We claim:

1. A method for positioning an optical center of an image capturing area of a digital image capturing device, the method comprising:

setting a first reference point on an image sensor of the digital image capturing device;

providing a specific diagram with a marked point displayed on the image sensor;

setting a second reference point projected by the marked point on the image sensor; and

setting the second reference point as the optical center of the image capturing area of the image sensor.

2. The method as recited in claim 1, wherein the step of setting the first reference point on the image sensor further comprises:

setting a first image capturing area on the image sensor, wherein the optical center of the first image capturing area is the geometric center of the image sensor; and

setting any point as the first reference point with a first location relationship which relates to the optical center of the first image capturing area.

3. The method as recited in claim 2, wherein the first location relationship comprises a distance and an angle.

4. The method as recited in claim 2, wherein the first location relationship comprises a horizontal distance and a vertical distance.

5. The method as recited in claim 2, wherein the first location relationship between the first reference point and the first image capturing area is the same as a second location relationship between the specific diagram and the marked point.

6. The method as recited in claim 5, wherein the step of setting a second reference point further comprises the specific diagram is displayed on a second image capturing area of the image sensor.

7. The method as recited in claim 6, wherein the first reference point is set to be the geometric center of the first image capturing area.

8. The method as recited in claim 7, wherein the second reference point is the geometric center of the second image capturing area.

9. The method as recited in claim 1, wherein the image sensor is selected from a charge coupled device (CCD) and a complementary metal-oxide semiconductor.

10. A method for displaying an image of an object on a digital image

capturing device, the object locating in front of the digital image capturing device, the method comprising:

providing an image sensor to generate an image on the image sensor;

transforming the image into electronic signals by the image sensor;

setting a first reference point on the image sensor of the digital image capture device;

providing a specific diagram with a marked point displayed on the image sensor;

setting a second reference point projected by the marked point on the image sensor;

recording a position relationship between the first reference point and the second reference point; and

picking up one part of the electronic signals according to the position relationship.

11. The method as recited in claim 10, wherein the step of setting the first reference point on the image sensor further comprises:

setting a first image capture area on the image sensor, wherein the optical center of the first image capture area is the geometric center of the image sensor; and

setting any point as the first reference point with a first location relationship which relates to the optical center of the first image capture area.

12. The method as recited in claim 11, wherein the first location

relationship comprises a distance and an angle.

13. The method as recited in claim 11, wherein the first location relationship comprises a horizontal distance and a vertical distance.

14. The method as recited in claim 11, wherein the first location relationship between the first reference point and the first image capturing area is the same as a second location relationship between the specific diagram and the marked point.

15. The method as recited in claim 14, wherein the step of setting a second reference point further comprises the specific diagram is displayed on a second image capturing area of the image sensor.

16. The method as recited in claim 15, wherein the step of picking up one part of the electronic signals is to pick up the part of the electronic signals representing the image on the second image capturing area of the image sensor.

17. The method as recited in claim 10, wherein the positioning relationship between the first reference point and the second reference point comprises a distance and an angle.

18. The method as recited in claim 10, wherein the positioning

relationship between the first reference point and the second reference point comprises a horizontal distance and a vertical distance.

19. The method as recited in claim 10, wherein the step of recording the positioning relationship is to save the positioning relationship in a electrical device selected from a group consisting of an image controller, a recording unit, a memory, a signal processor and circuits, inside the digital image capturing device.

20. The method as recited in claim 10, wherein the image sensor is selected from a group consisting of a charge coupled device (CCD) and a complementary metal-oxide semiconductor.

21. A method of image positioning for a digital image capturing device, the method comprising:

providing an image sensor to generate an image displayed on an image display unit;

setting an absolute coordinate on the image display unit;

providing a specific diagram with a marked point displayed on the image display unit; and

setting a reference point, projected by the marked point on the image display unit, as the central point of the image sensor.

22. The method as recited in claim 21, wherein the step of setting the

absolute coordinate on the image display unit further comprises:

setting one of four corners of the image display unit as the origin of the absolute coordinate; and

performing the reference point, projected by the marked point, on the image display unit, as the central point of the image sensor.